

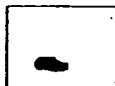
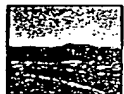
(DV coded M-JPEG)
MPEG-1,2
sequence



1. Background treatment
- Calculation of f^* for K consecutive images
- Minimization in f for criterion (3)
- System resolution (5)
- Minimization in c_k of criterion (3)
- System resolution (6)

(Estimated
Background
 $\neq 1$)

(c_k^* card
Sequence of
moving objects)



- 2 - Pretreatment of c_k^* card

- Mathematical closure, filling of each object
- Labeling of each object

- 3 - Characteristics of each object

- Spatial segmentation of object
- Estimation of movement

(Object₁^{*2}) (Object₂^{*2}) (Object₃^{*2}) (Object₄^{*2})

- 4 - Treatment of the object

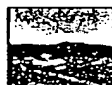
- Minimalization in O_k of criterion (7)
- System resolution (8)

(Object₁^{*1}) (Object₂^{*1}) (Object₃^{*1}) (Object₄^{*1})

- 5 - Sequence reconstruction

- Application of equation (9)

(Decoded
Sequence)



*1: with reduction of block effects, and quantification noise

*2: object sequence

FIG. 1

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